

1/9

NODE	STATUS	LINK
A	Y	Y
B	Y	Y
C	Y	Y
D	Y	Y
E	Y	Y
F	Y	Y
G	Y	Y
H	Y	Y
I	Y	Y

STATUS TABLE  
ST

RSP

RSP-E

RSP-G

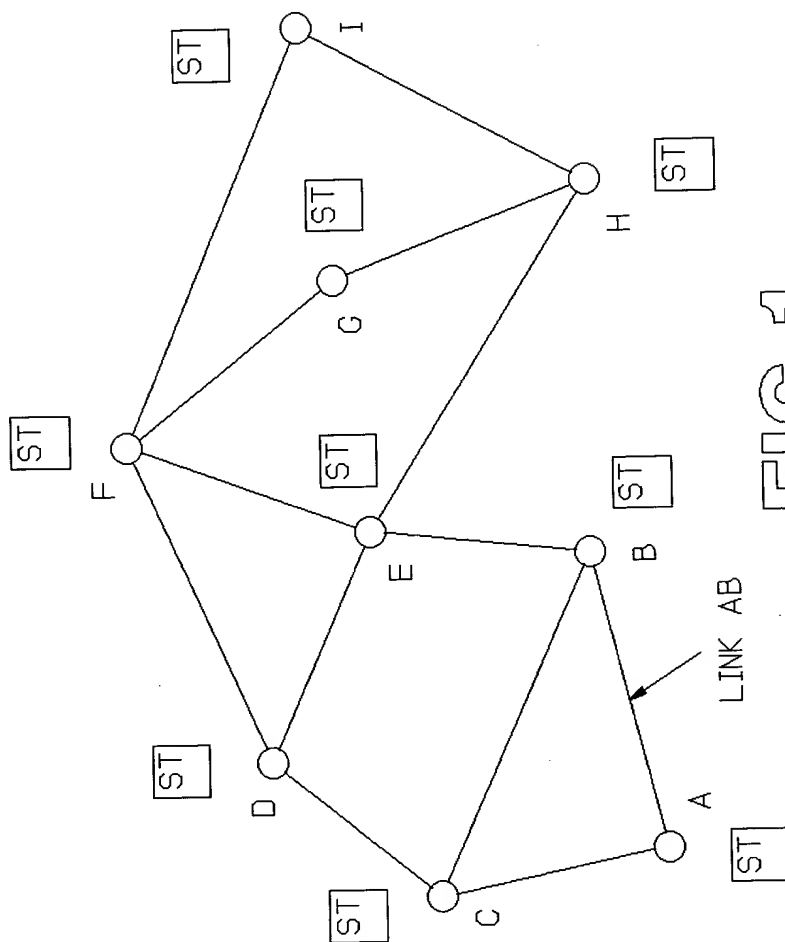
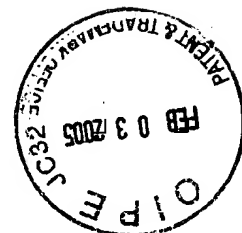


FIG 1

FIG 2



2/9

FLAG	NODE	LINK	STATUS
	A	AB AC	Y Y
	B	BA BC BE	Y N Y
	C	CA CB CD	Y N Y
	D	DC DE DF	Y Y N
	E	ED EC EH	Y Y N
	F	FD FE FI	N Y Y
	G	GF GH	Y Y
	H	HE HG HI	N Y Y
	I	IF IH	Y Y

STATUS TABLE  
ST

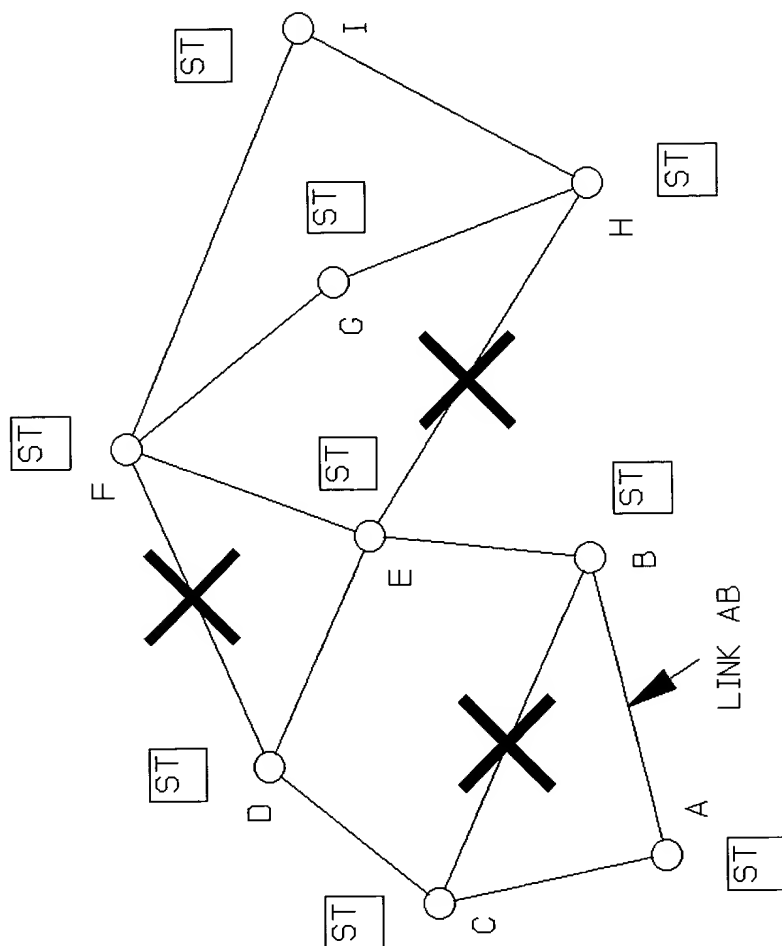
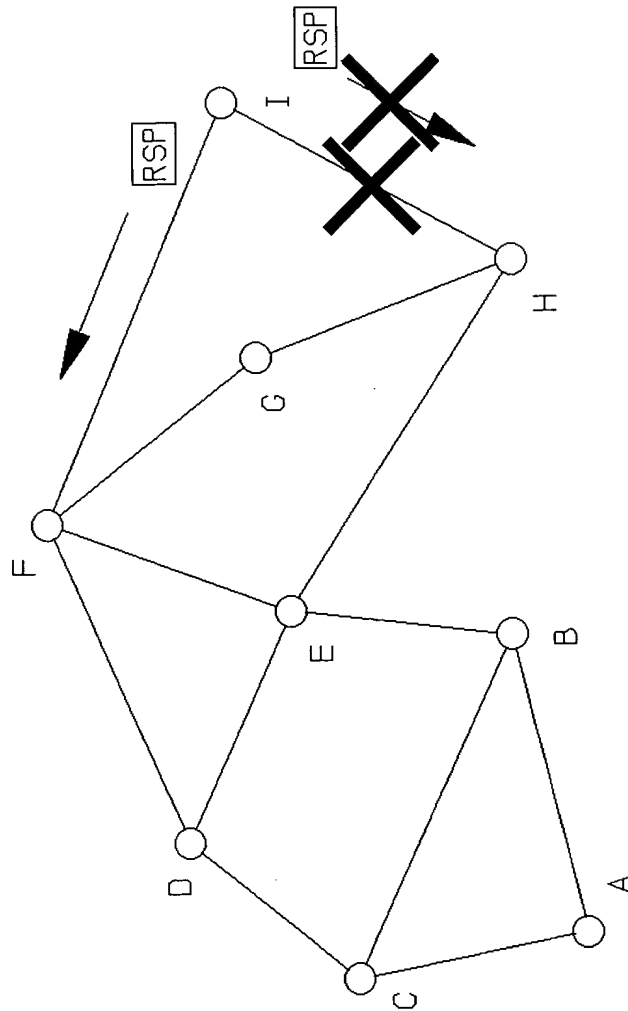
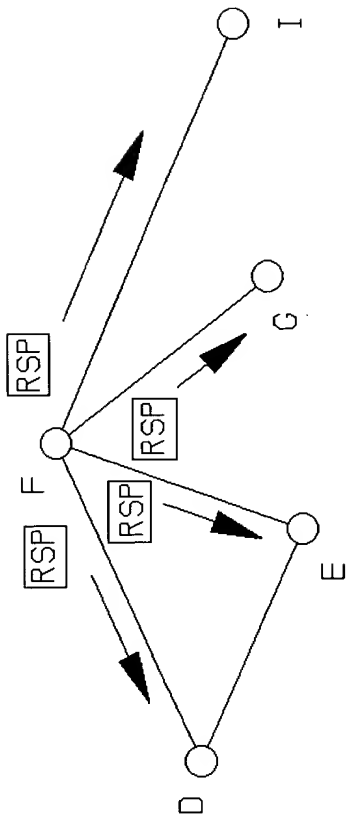


FIG 3

FIG 4



3/9



4/9

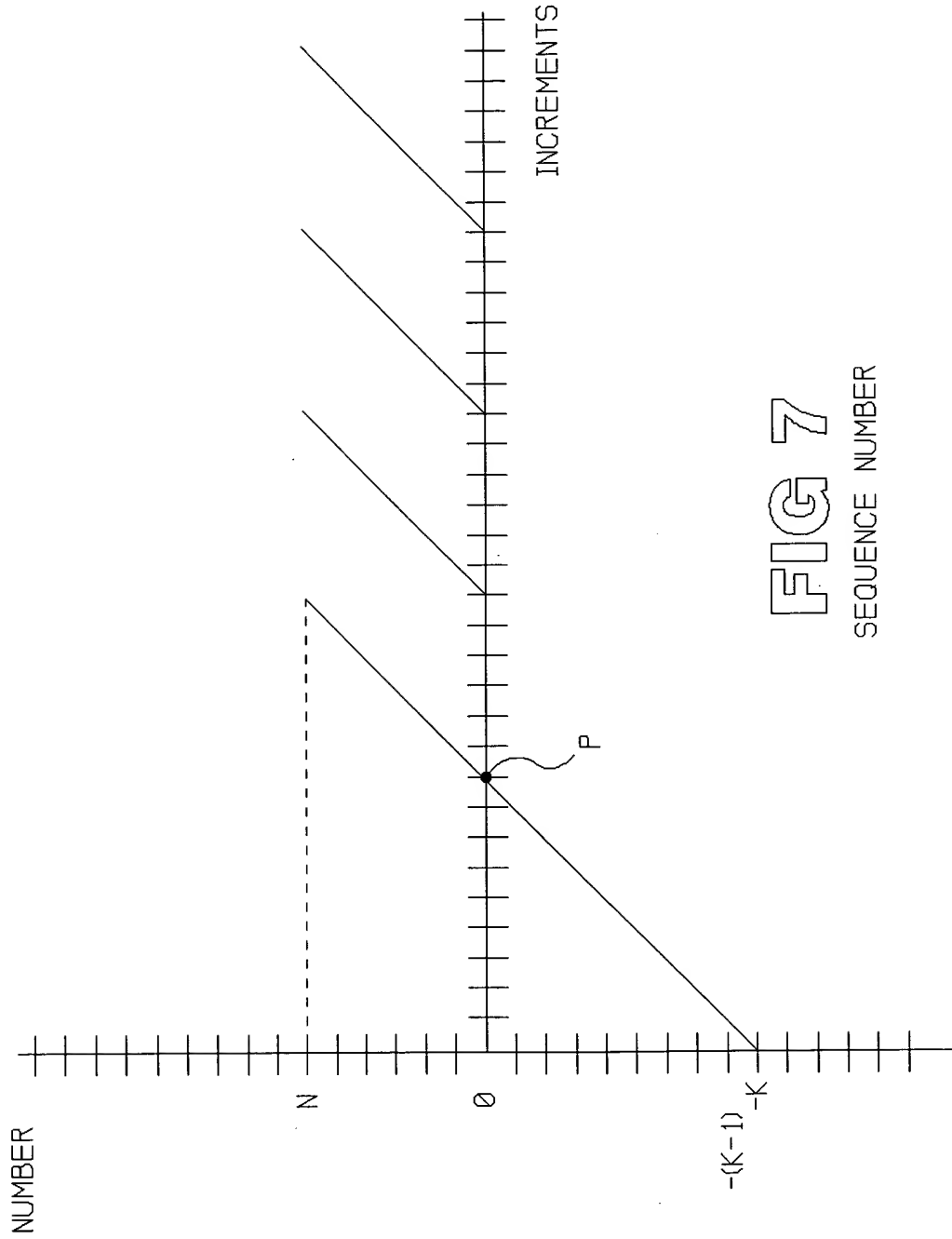
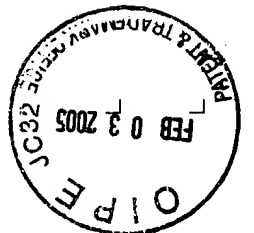
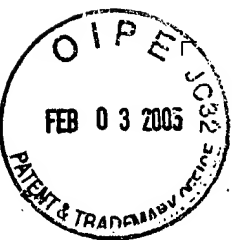


FIG 7  
SEQUENCE NUMBER





5/9

FIG 8A

INCOMING RSP	STORED RSP	ACTION TAKEN
>0	0	ACCEPT INCOMING
SEQUENCE No.		
CONTENT		

FIG 8D

INCOMING RSP	STORED RSP	ACTION TAKEN
		DISCARD INCOMING
SEQUENCE No.	SAME	
CONTENT	X DIFF	

FIG 8B

INCOMING RSP	STORED RSP	ACTION TAKEN
		ACCEPT INCOMING
SEQUENCE No.	X	
CONTENT		

FIG 8E

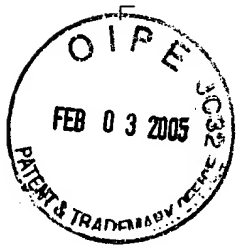
INCOMING RSP	STORED RSP	ACTION TAKEN
0		ACCEPT INCOMING
SEQUENCE No.	SAME	
CONTENT		

FIG 8C

INCOMING RSP	STORED RSP	ACTION TAKEN
SAME	SAME	DISCARD INCOMING
SEQUENCE No.	SAME	
CONTENT	SAME	

FIG 8F

INCOMING RSP	STORED RSP	ACTION TAKEN
		DISCARD INCOMING
SEQUENCE No.	NEGATIVE	PROPAGATE COPY FROM TABLE
CONTENT		



6/9

INCOMING RSP	STORED RSP	ACTION TAKEN
AGE		ISSUE FRESH RSP
SEQUENCE No.		
CONTENT		
OTHER	RECIPIENT WAS ORIGINATOR	

FIG 8G

INCOMING RSP	STORED RSP	ACTION TAKEN
AGE	0	ISSUE FRESH RSP
SEQUENCE No.		
CONTENT		
OTHER	RECIPIENT WAS ORIGINATOR AND SEQ. NO. OF LAST WAS NEG.	

FIG 8I

INCOMING RSP	STORED RSP	ACTION TAKEN
AGE		ISSUE FRESH RSP
SEQUENCE No.	X	W/X + 1
CONTENT		AS SEQ. NO.
OTHER	RECIPIENT WAS ORIGINATOR AND SEQ. NO. OF LAST WAS NEG.	

FIG 8H

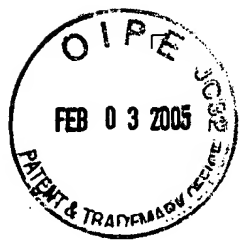
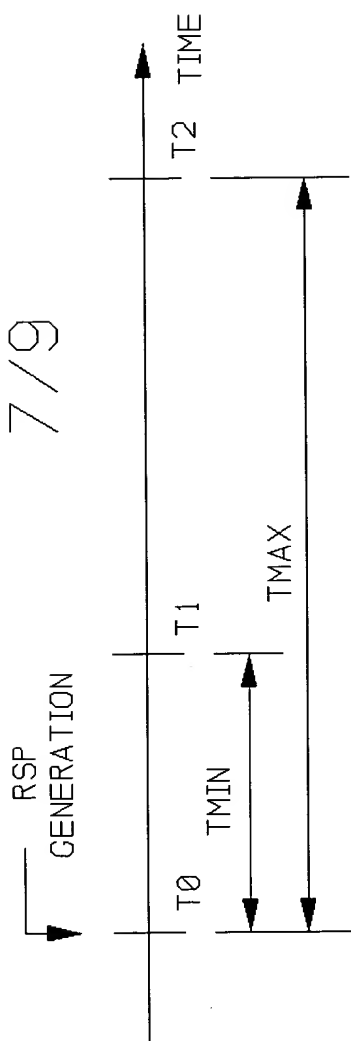


FIG 9

7/9



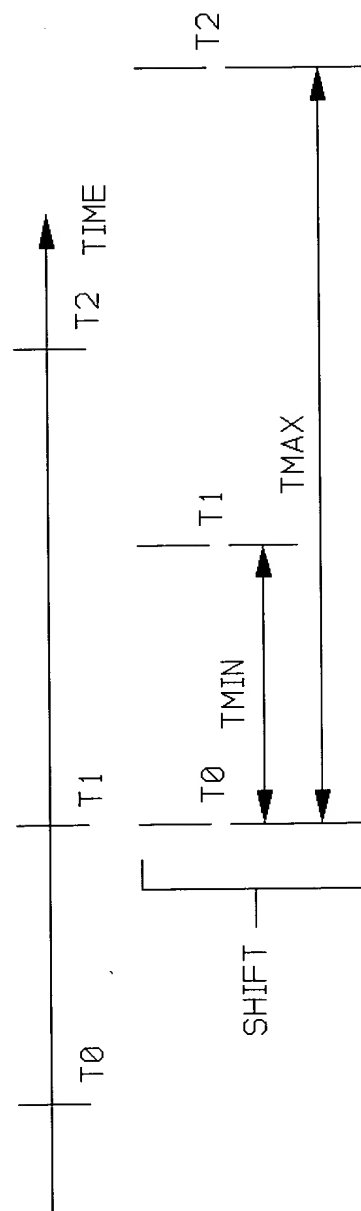
3. IF NO EVENT OCCURS, ISSUE PERIODIC RSP AT T2.

1. RULE 6A. IF EVENT OCCURS WITHIN TMIN, WAIT UNTIL T1 TO ISSUE RSP. SHIFT T0 TO T1.

2. IF EVENT OCCURS BETWEEN T1 AND T2, ISSUE RSP IMMEDIATELY. SHIFT T0 TO T1.

NEXT

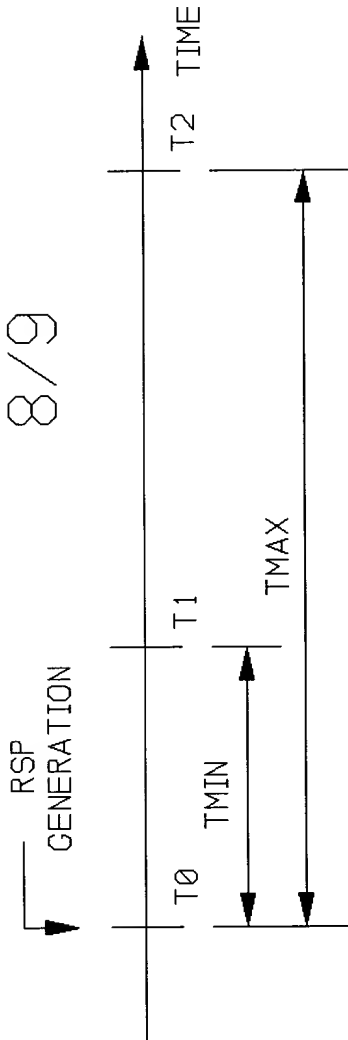
RSP GENERATION





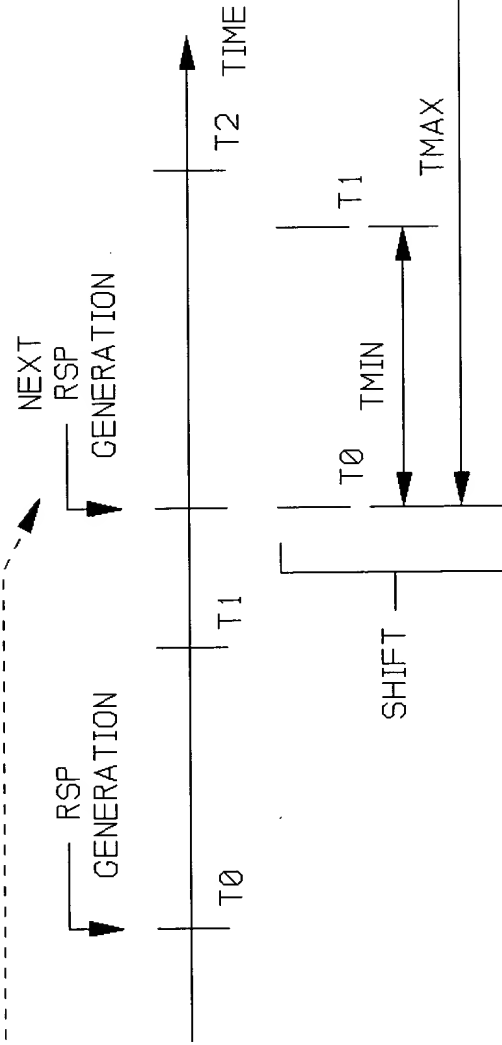
8/9

FIG 10



1. IF EVENT OCCURS WITHIN  $T_{MIN}$ , WAIT UNTIL  $T_1$  TO ISSUE RSP. SHIFT  $T_0$  TO  $T_1$ . 3. IF NO EVENT OCCURS, ISSUE PERIODIC RSP AT  $T_2$ .

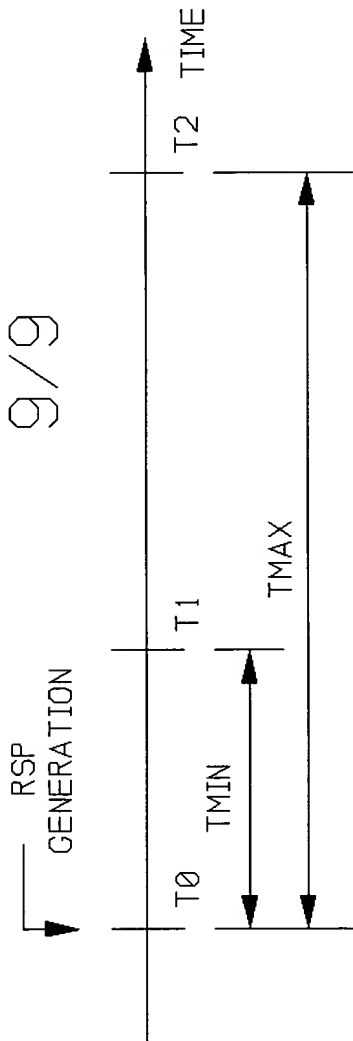
2. RULE 6B, IF EVENT OCCURS BETWEEN  $T_1$  AND  $T_2$ , ISSUE RSP IMMEDIATELY. SHIFT  $T_0$  TO EVENT.





9/9

FIG 11



1. IF EVENT OCCURS WITHIN TMIN, WAIT UNTIL T1 TO ISSUE RSP. SHIFT T0 TO T1.
2. IF EVENT OCCURS BETWEEN T1 AND T2, ISSUE RSP IMMEDIATELY. SHIFT T0 TO EVENT.
3. RULE 6C. IF NO EVENT OCCURS, ISSUE PERIODIC RSP AT T2. SHIFT T0 TO T2.

